



[Handwritten signature]

CERTIFICATE OF MAILING PURSUANT TO 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Date: 1-20-05

By: *Sari Nieto*
Signature of Person Depositing as First Class Mail

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

PATENT

Applicants:	He et al.	Docket No.:	15730.0800
Serial No.:	10/648,571	Art Unit:	3742
Filed:	August 26, 2003	Examiner:	Walberg, T.
Title:	METHODS AND APPARATUS FOR A VARIABLE RESISTOR CONFIGURED TO COMPENSATE FOR NON-LINEARITIES IN A HEATING ELEMENT	Confirmation No.:	4102

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Attached herewith is a Response to Office Action mailed September 21, 2004 in the captioned matter.

I. Attached:

- ☒ [X] Response to Office Action
☒ [X] Acknowledgment Postcard

II. Small Entity Status

- ☐ [] Small entity status under 37 C.F.R. §§1.9 and 1.27 is claimed.

FEE CALCULATION, CLAIMS AS AMENDED

	Claims remaining after amendment		Highest number previously paid for		Present Extra		
Total Effective Claims	19	-	19	=	0	x \$ 50.00 =	0.00
Independent Claims	3	-	3	=	0	x \$ 200.00 =	\$0.00
If amendment enters proper multiple dependent claim(s) into this application for first time (per application)						\$360.00 +	N/A
						Subtotal:	0.00

1623281

**Fee Calculation: Request for Extension of Time
pursuant to 37 C.F.R. §1.17(a)**

<input checked="" type="checkbox"/> [X] Response filed within first month after due date – add	\$ 120.00 +	\$120.00
<input type="checkbox"/> [] Response filed within second month after due date – add	\$ 450.00 +	N/A
<input type="checkbox"/> [] Response filed within third month after due date – add	\$ 1020.00 +	N/A
<input type="checkbox"/> [] Response filed within fourth month after due date – add	\$1590.00 +	N/A
<input type="checkbox"/> [] Response filed within fifth month after due date – add	\$2160.00 +	N/A
	Subtotal:	\$120.00

If one of the "small entity" boxes above is checked, enter half (1/2) of the Subtotal and subtract.

N/A

TOTAL FEES DUE \$120.00

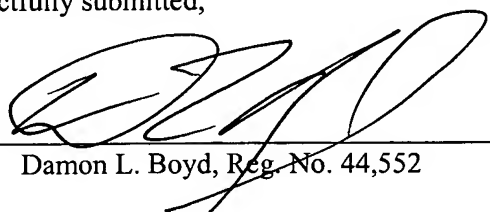
III. Manner of Payment

- ☐ [] Snell & Wilmer Check No. _____ in the amount of \$ _____.
- ☒ [X] Please charge Deposit Account No. 19-2814 in the amount of \$120.00.
A duplicate copy of this sheet is attached for this purpose.
- ☐ [] No additional fee is required.

This statement does NOT authorize charge of the issue fee. The Commissioner is hereby authorized to charge any other fee specifically authorized hereafter, or any **deficiency** in the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under 37 C.F.R. §§1.16-1.18 (**deficiency only**) now or hereafter relative to this Application and the resulting Official document under 37 C.F.R. §1.20, or credit any overpayment to Account No. 19-2814 for **which purpose a duplicate copy of this sheet is attached.**

Respectfully submitted,

Date: 20 January 2005

By: 
Damon L. Boyd, Reg. No. 44,552

Snell & Wilmer L.L.P.
One Arizona Center
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Phoenix, Arizona 85004-2202
(602) 382-6337